

Claims

1. A system for supporting a website comprising:
an IP device located on a public network, having a public IP address and known port number;
a second device located outside the public network;
wherein a connection exists between said second device and said first device, which connection is initiated by said second device.
2. A system according to claim 1 wherein said first device cannot initiate a connection with said second device because said second device is not configured to accept communications initiated by other devices.
3. A system according to claim 1 wherein said second device is located on a private IP network with a private IP address.
4. A system according to claim 3 wherein the communication protocol between said first device and said second device is TCP/IP or application level protocol based on TCP/IP.
5. A system according to claim 1 wherein the communication between said first device and said second device is encrypted.
6. A system according to claim 1 wherein said second device comprises a memory storing information for publication or private source data.
7. A system according to claim 1 further comprising a third device connected to said second device through a private network, said third device comprising a memory storing information for publication or private source data.
8. A system for supporting a website comprising an IP device located on a public network, having a public IP address and known port number;

a second device located on a private network having a responder function with a private IP address and port number;

a device having a memory, storing information for publication or private source data, located on said private network in communication with second device;

wherein a single connection exists between said second device and said first device, which connection is initiated by said second device and wherein said first device cannot initiate a connection with said second device by virtue of said second devices private and dynamic IP address.

9. A method for increasing security for sensitive information or source data contained in a memory which is used to respond to inquiries directed to a website by safeguarding the responder function, comprising:
 - providing on a public network an IP device having a public IP address and known port number, said device having an application that corresponds to the listening function of a website;
 - providing an application corresponding to the responder function of a website wherein it is isolated from the said IP device;
 - responder application registering itself with the listener and subscribing to receive incoming requests by initiating a communication channel to the listener as a communication client;
 - listener receiving a request from a remote application, and sending incoming requests only to the registered responders;
 - processing requests by the responder application and returning results to the remote application via listener application.

10. A method for increasing security for sensitive information or source data contained in a memory which is used to respond to inquiries directed to a website by allowing them to be placed in a private network along with the responder function; comprising:
- providing on a public network an IP device having a public IP address and known port number, said device having an application that corresponds to the listening function of a website;
- providing on a private network an IP device having a private IP address, said IP device having an application corresponding to the responder function of a website;
- responder application initiating an outgoing TCP connection to the listener as a communication client and register itself to receive incoming requests;
- said listener application receiving a request from a remote application, and sending incoming requests to the said responder application;
- processing requests by the responder application by optionally accessing the source data, and returning results to the remote application via listener application.
11. A method for increasing security for sensitive information which is used to respond to inquiries directed to a website, comprising:
- providing on a private network an IP device having a dynamic IP address and port number, said IP device having an application corresponding to the responder function of a website;
- providing on a public network a second IP device having a public IP address and known port number, said device having an application that corresponds to the listening function of a website;

causing the responder application in said first device to establish a connection with said listening application in said second device, said communication including the IP address for said first device and a port number for said responder application; receiving communications at said second IP device from other IP devices located on said public network or from devices located on private networks in communication with said public network; transmitting requests for application relating to said inquiries from said listening application to said responding application over said connection established by said responding said application; processing said request for information by said responder application and providing a response from said responder application to said listening application over said connection established by said responder application; and transmitting from said listening application to said other IP device information relating to said request.